STEREO CAMERA

ABSTRACT OF THE DISCLOSURE

A stereo camera includes a pair of photographing optical systems arranged in a common plane so that a common photographing coverage occurs between a pair of photographing areas taken by the pair of photographing optical systems, an object distance measuring device, a convergence angle adjustment mechanism adapted to vary an angle of convergence defined by, and between, the optical axes of the pair of photographing optical systems, so as to adjust an amount of common photographic coverage of the pair of photographing optical systems, and a controller adapted to control the convergence angle adjustment mechanism in accordance with object distance data obtained by the object distance measuring device.